

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	718	Gortex	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/07 14:17
L10	718	Gortex	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/07 14:21
L12	5546	623/1.11-1.54.CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/07 15:03
L4	37	(internodal adj3 distance or IND) same GRAFT and prosthe\$ and eptfe and seal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/07 14:17
L9	37	(internodal adj3 distance or IND) same GRAFT and prosthe\$ and eptfe and seal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/07 14:21
L3	75	(internodal adj3 distance or IND) same GRAFT and prosthe\$ and eptfe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/07 14:04
L8	75	(internodal adj3 distance or IND) same GRAFT and prosthe\$ and eptfe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/07 14:21
L2	137	(internodal adj3 distance or IND) same GRAFT and prosthe\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/07 14:02
L7	137	(internodal adj3 distance or IND) same GRAFT and prosthe\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/07 14:21

L1	1106	(internodal adj3 distance or IND) AND GRAFT and prosthe\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/07 13:12
L6	1106	(internodal adj3 distance or IND) AND GRAFT and prosthe\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/07 14:21
L11	1106	(internodal adj3 distance or IND) AND GRAFT and prosthe\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/07 15:02

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L3	75	(internodal adj3 distance or IND) same GRAFT and prosthe\$ and eptfe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/07 14:04
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L12	5546	623/1.11-1.54.CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/07 15:03
L14	137	(internodal adj3 distance or IND) same GRAFT and prosthe\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/07 15:03
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L17	718	Gortex	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/07 15:03
L18	75	(internodal adj3 distance or IND) same GRAFT and prosthe\$ and eptfe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/07 15:03
L19	37	(internodal adj3 distance or IND) same GRAFT and prosthe\$ and eptfe and seal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/07 15:03
L20	137	(internodal adj3 distance or IND) same GRAFT and prosthe\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/07 15:03

L21	718	Gortex	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/07 15:03
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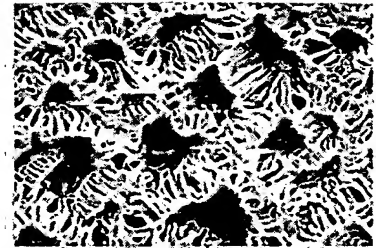
# Gore-Tex

From Wikipedia, the free encyclopedia.  
(Redirected from Goretex)

**Gore-Tex** is a registered trademark of W.L. Gore & Associates, best known for its use in relation to waterproof fabrics.

Gore-Tex materials are typically based on expanded PTFE and other Fluoropolymer products. They are used in a wide variety of applications such as high performance fabrics, medical implants, filter media, insulation for wires and cables, gaskets and sealants.

Gore-Tex material is composed of a thin, porous fluoropolymer membrane, bonded to some fabric, usually nylon or polyester. The membrane has about 9 billion pores per square inch, making it impenetrable for liquid water while allowing the water vapor through. The result is a material that is waterproof and breathable. The outer fabric is additionally treated with water repellent.



Gore-Tex membrane, electron microphotograph

The best known application for Gore-Tex fabrics is in outdoor activity clothing. The structure of the fabric forms an effective barrier against wind and rain, whilst still allowing water vapour to pass through. This helps to keep the wearer warm and dry, whilst the breathability allows sweat to escape.

The first commercial consumer product using Gore-Tex was a tent called the Light Dimension that was created and sold by the Seattle firm, Early Winters, Ltd., in 1976.

Gore requires that all garments made from their material have taping over the seams, to eliminate leaks. This requires special machinery. The fabric is not available on open market, and is exclusively licensed for specific manufacturers, to maintain the highest quality control.

Gore's sister product, **Windstopper**, is similar to Gore-Tex in being windproof and breathable, but is not waterproof.

## External link

- W.L. Gore website (<http://www.gore.com/>)
- Gore-Tex and Windstopper fabrics (<http://www.gore-tex.com/>)

Retrieved from "<http://en.wikipedia.org/wiki/Gore-Tex>"

Category: Textiles

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